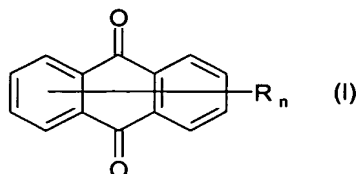
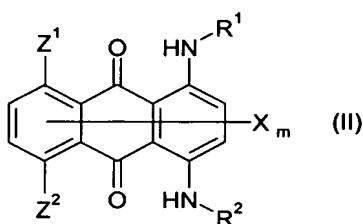


What is claimed is:

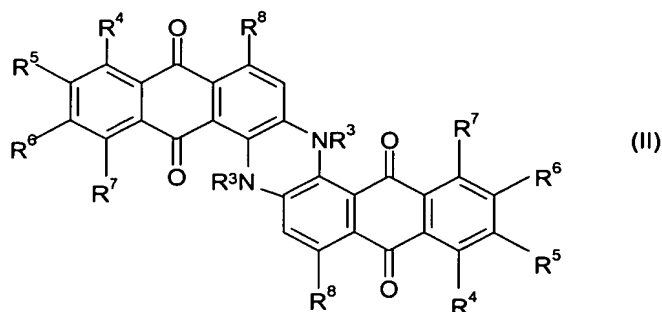
1. A fuel and lubricant additive concentrate comprising at least one anthraquinone derivative as a marker.
2. The concentrate according to claim 1, comprising at least one anthraquinone derivative selected from the group consisting of the compounds of the formula I



of the formula II



and of the formula III



where

$Z^1, Z^2$  are each independently hydrogen, hydroxyl, OR, NHR or  $NR_2$ ,

$R^1, R^2$  are each independently R or COR,

- X is hydrogen, cyano, nitro, hydroxyl, OR, amino, NHR, R or CH(R<sup>9</sup>)(R<sup>10</sup>),
- 5 n, m are each 0, 1, 2, 3 or 4, and, in each case that n or m is greater than 1, the R or X radicals may each be the same or different,
- R<sup>9</sup>, R<sup>10</sup> are each independently cyano, COOH or COOR,
- 10 R<sup>3</sup> is hydrogen, R or NHR,
- R<sup>4</sup> to R<sup>8</sup> are each independently hydrogen, R or NHR
- and
- 15 R is C<sub>1</sub>-C<sub>20</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>5</sub>-C<sub>7</sub>-cycloalkyl which is optionally substituted by one or more C<sub>1</sub>-C<sub>20</sub>-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, saturated
- 20 heterocyclic five- or six-membered radical which is optionally substituted by one or more C<sub>1</sub>-C<sub>20</sub>-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, or is C<sub>6</sub>-C<sub>10</sub>-aryl which is optionally substituted by one or more halogen, cyano, nitro, hydroxyl, amino, C<sub>1</sub>-C<sub>20</sub>-alkyl which is optionally
- 25 interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>20</sub>-alkoxy, C<sub>1</sub>-C<sub>20</sub>-alkylamino or C<sub>1</sub>-C<sub>20</sub>-dialkylamino, or is heteroaryl having from 3 to 12 carbon atoms which is optionally substituted by one or more C<sub>1</sub>-C<sub>20</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>20</sub>-alkoxy, C<sub>1</sub>-C<sub>20</sub>-alkylamino or
- 30 C<sub>1</sub>-C<sub>20</sub>-dialkylamino, or is C<sub>6</sub>-C<sub>10</sub>-aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl which is optionally substituted in the aryl radical by one or more halogen, cyano, nitro, hydroxyl, amino, C<sub>1</sub>-C<sub>20</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>20</sub>-alkoxy, C<sub>1</sub>-C<sub>20</sub>-alkylamino or C<sub>1</sub>-C<sub>20</sub>-dialkylamino, or is heteroaryl-C<sub>1</sub>-C<sub>4</sub>-alkyl having from 3 to
- 35 12 carbon atoms in the heteroaryl radical, the latter optionally being substituted by one or more C<sub>1</sub>-C<sub>20</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>20</sub>-alkoxy, C<sub>1</sub>-C<sub>20</sub>-alkylamino or C<sub>1</sub>-C<sub>20</sub>-dialkylamino.

3. The concentrate according to claim 2, wherein, in formula I and II,

$Z^1, Z^2$  are each independently hydrogen or NHR,

5  $R^1, R^2$  are each independently R,

X is hydrogen, cyano or  $CH(R^9)(R^{10})$ ,

10 n, m are 0, 1, 2, 3 or 4, and, when n or m is greater than 1, the R or X radicals are the same or different,

$R^9, R^{10}$  are each independently cyano or COOR,

15  $R^3$  is hydrogen, R or NHR,

$R^4$  to  $R^7$  are hydrogen or NHR,

$R^8$  is NHR

20 and

R is C<sub>1</sub>-C<sub>15</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, cyclohexyl which is optionally substituted by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, saturated heterocyclic five- or six-membered radical which is optionally substituted by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl groups which are optionally interrupted by from 1 to 4 oxygen atoms in ether function, or is C<sub>6</sub>-C<sub>10</sub>-aryl which is optionally substituted by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>15</sub>-alkoxy, C<sub>1</sub>-C<sub>15</sub>-alkylamino or C<sub>1</sub>-C<sub>15</sub>-dialkylamino, or is heteroaryl having from 3 to 5 carbon atoms which is optionally substituted by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>15</sub>-alkoxy, C<sub>1</sub>-C<sub>15</sub>-alkylamino or C<sub>1</sub>-C<sub>15</sub>-dialkylamino, or is phenyl C<sub>1</sub>-C<sub>4</sub>-alkyl which is optionally substituted in the phenyl radical by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>15</sub>-alkoxy, C<sub>1</sub>-C<sub>15</sub>-alkylamino or C<sub>1</sub>-C<sub>15</sub>-dialkylamino, or is heteroaryl-C<sub>1</sub>-C<sub>4</sub>-alkyl having from 3 to 5 carbon atoms in the heteroaryl radical, the

latter optionally being substituted by one or more C<sub>1</sub>-C<sub>15</sub>-alkyl which is optionally interrupted by from 1 to 4 oxygen atoms in ether function, C<sub>1</sub>-C<sub>15</sub>-alkoxy, C<sub>1</sub>-C<sub>15</sub>-alkylamino or C<sub>1</sub>-C<sub>15</sub>-dialkylamino.

- 5    4.    The use of the concentrate according to one or more of claims 1 to 3 for additizing mineral oils.
  
5.    A mineral oil comprising the concentrate according to one or more of claims 1 to 3.